HPA Subsea

Eagleray 4K

4K UHD Cinema Mini-Camera

Eagleray 4K has been used by professional film crews, including BBC for "Blue Planet II" and NHK for "Deep Ocean: Antarctica."

FEATURES

- Industry-leading 4K UHD image quality based on Blackmagic Design's 4K MFT sensor
- Superior versatility with 12-50mm Olympus Zoom lens.
- Short minimum focusing distance enables close-up macro filming
- Smallest 4K deep-sea cinema camera on the market, enabling cinema quality footage from compact ROVs and HOVs
- 1000m- or 6000m-rated versions 6G-SDI @ 30fps. RAW output support.
- Coax or fiber-optic output
- Full lens and camera remote control via RS232 using Windows GUI or EagleRay handbox controller
- Complete package includes professional Atomos DVR/monitor
- Wide input supply: 12-40Vdc

Technical specifications on reverse

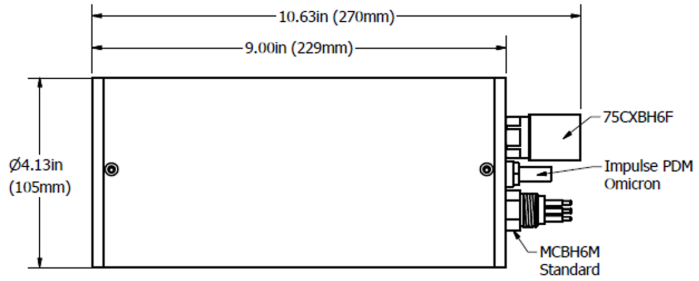
Expertly designed underwater lighting and imaging equipment

Technical Specs

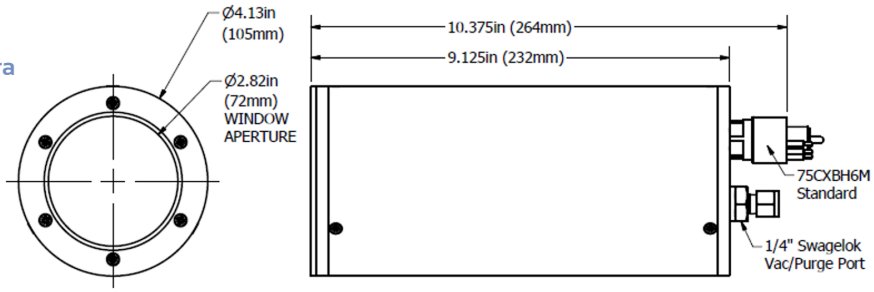
Eagleray 4K

PARAMETER	EAGLERAY 4K
Model Number	AR201
Depth Rating	1,000m (3,300ft) or 6,000m (19,700ft)
Image Type	4K UHD Video
Lens	Olympus Zoom 12–50mm MFT (35mm Equivalent: 24–100mm)
Aperture	f/3.5–6.3 (Minimum f/22)
Angle of View	84–24° (in air), 60–18° (in water)
Resolution	3,840 x 2,160 @ 30p
Minimum Focus Distance	7.8in (200mm)
Remote Control Functions	Focus, zoom, iris, gain, white balance, shutter speed, frame rate, autofocus, audio level, recording trigger
Power	12–40VDC
Video Output Signal	6G-SDI (coax or fiber optic with optional converter)
Control Signal	RS232
Housing Materials	Aluminum/Acrylic (1,000m) or Titanium/Sapphire (6,000m)
Dimensions	9.125in (232mm) L x 4.125in (105mm) dia.
Operating Temperature	0°C to 40°C
Digital Recorder/Monitor	Optional
Pan and Tilt Interface	Optional connector on camera bottle for pass-thru connection to P&T
Fiber Optic Converter	Separate housing, same size as camera, or integrated into extended-length camera housing. One impulse PDM Omicron single-mode fiber-optic connector, standard.

Fiber Optic Converter (Optional)



Camera



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